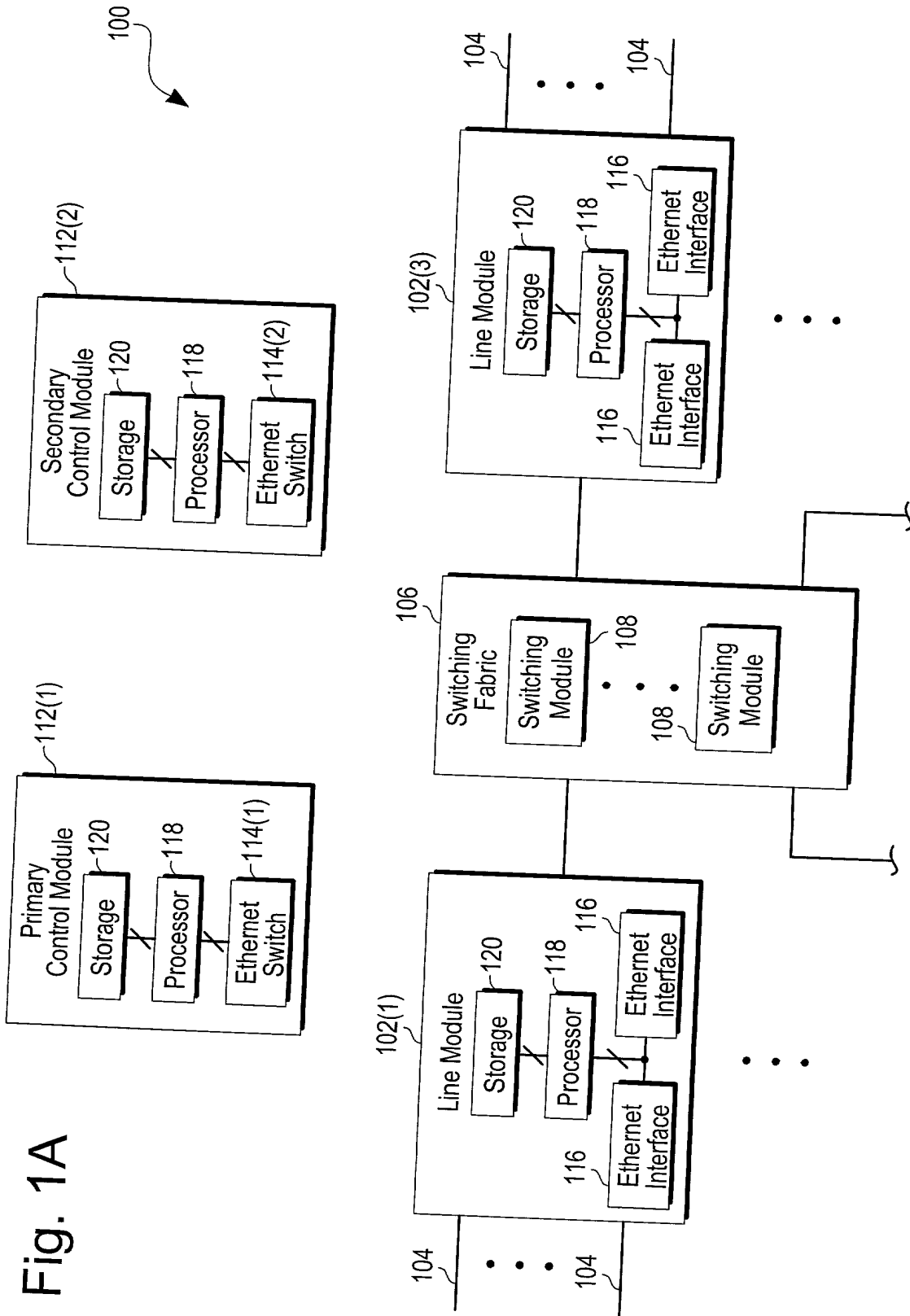


Fig. 1A



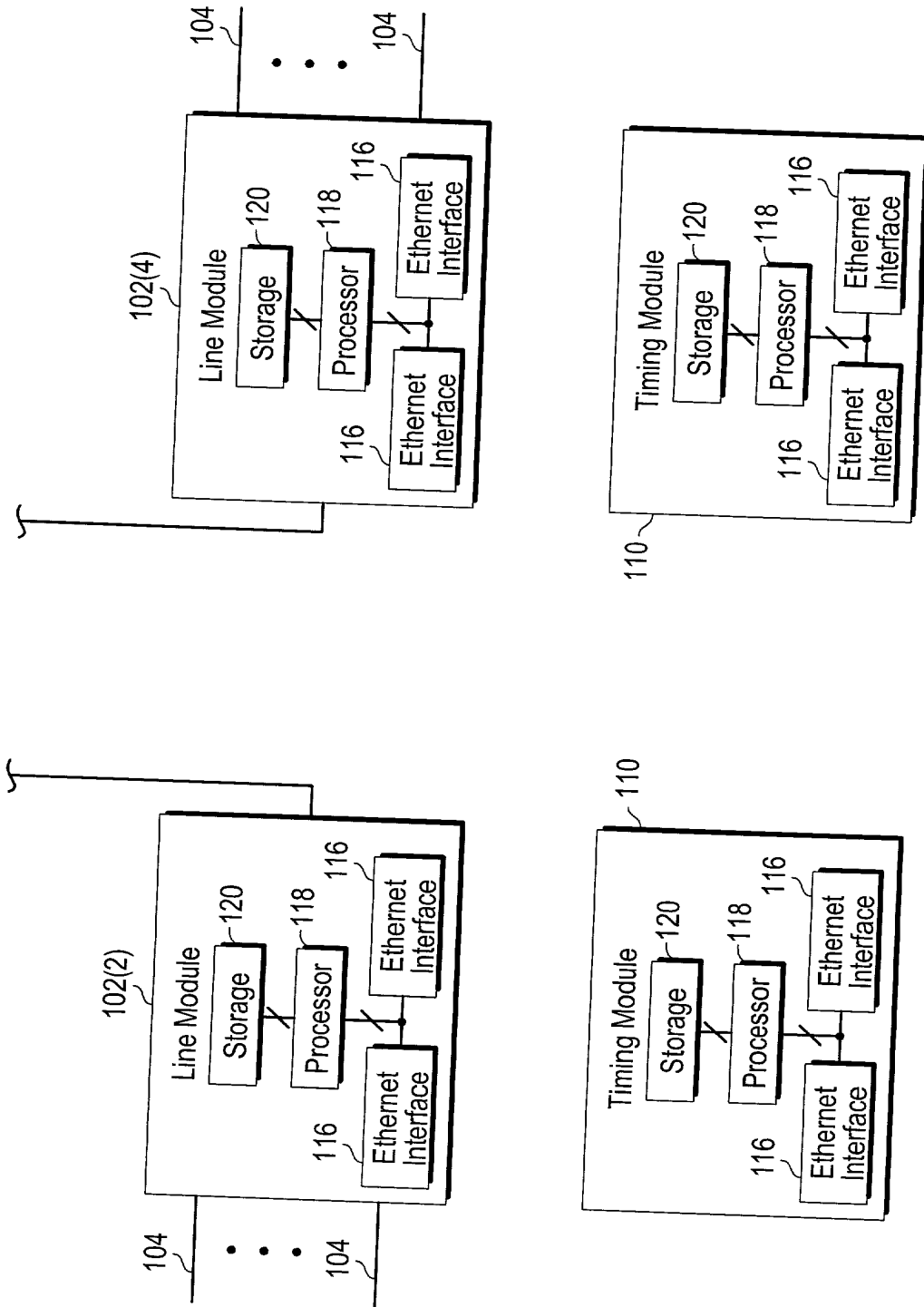


Fig. 1B

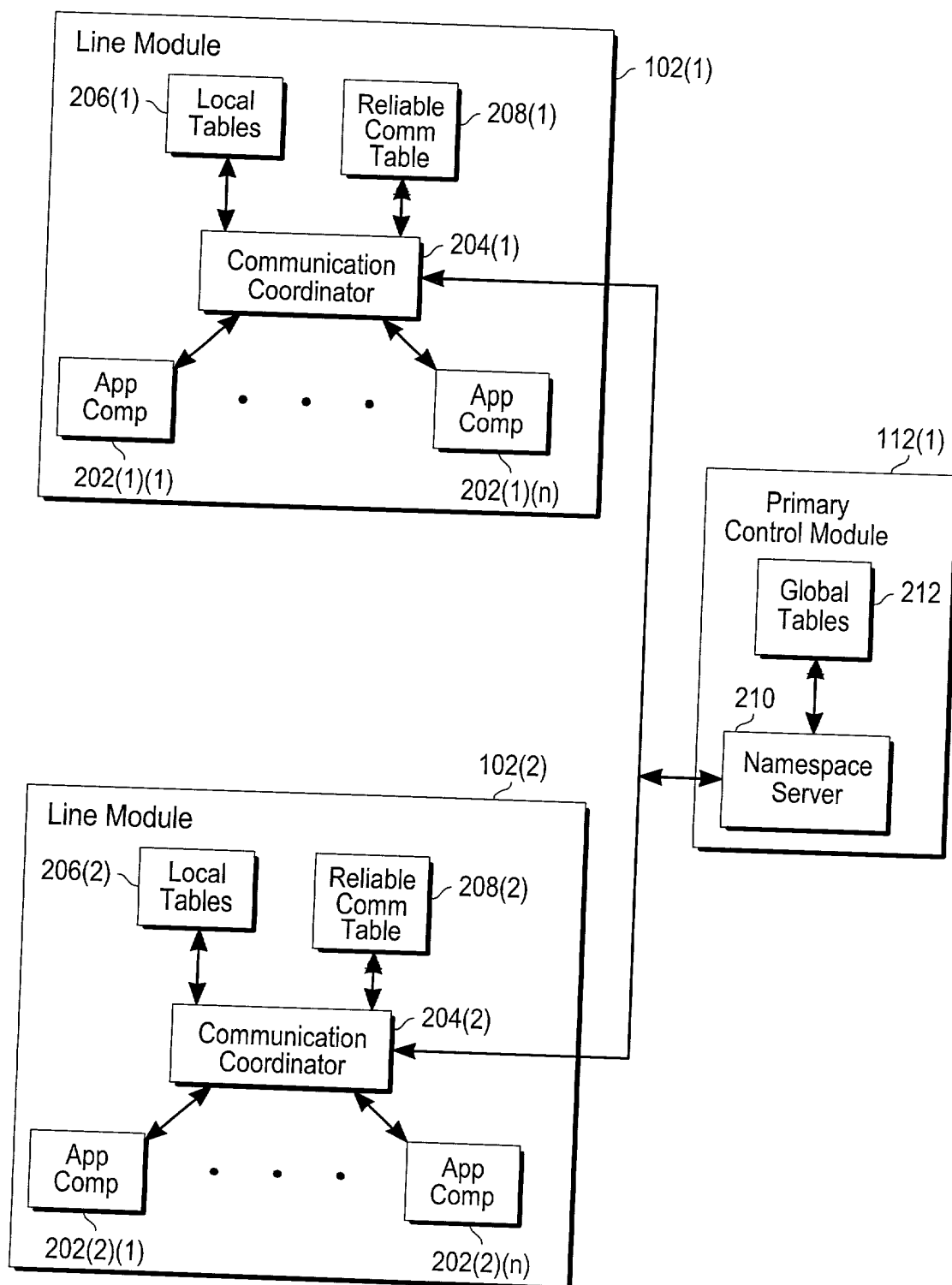


Fig. 2

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Local Publishers Table

302

Namespace	Reference to Publisher	IP address/ Port #
/LM/1/Monitor/Event/LOS	P1	X1, Y1

310

Fig. 3A

Local Subscribers Table

304

Namespace	Reference to Subscriber	IP address/ Port #	Reliability	Priority
/LM/2/Foo/Event/Sleep	S1	X1, Y1	Reliable	Normal
/LM/1/Monitor/Event/LOS	S2	X2, Y2	Best Effort	Normal

312

314

Fig. 3B

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Local Servers Table

Namespace	Reference to Server	IP address/ Port #	Reliability	Priority
/LM/1/Monitor/Op/Get	P1	X1, Y1	Best Effort	Normal
/LM/2/Foo/Op/Set	P2	X2, Y2	Best Effort	Normal

320

322

306

Fig. 3C

Local Clients Table

Namespace	Reference to Client	IP address/ Port #
/LM/2/Foo/Op/Set	S1	X1, Y1

324

308

Fig. 3D

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402

Local Publishers Table

Namespace	Reference to Publisher	IP address/ Port #
/LM/2/Foo/Event/Sleep	P2	X2, Y2

410

Fig. 4A

404

Local Subscribers Table

Namespace	Reference to Subscriber	IP address/ Port #	Reliability	Priority
*/Event/LOS	S2	X2, Y2	Best Effort	Normal
/LM/2/Foo/Event/Sleep	S1	X1, Y1	Reliable	Normal

412

414

Fig. 4B

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Local Servers Table

Namespace	Reference to Server	IP address/ Port #	Reliability	Priority
420 /LM/2/Foo/Op/Set	P2	X2, Y2	Best Effort	Normal
422 /LM/1/Monitor/Op/Get	P1	X1, Y1	Best Effort	Normal

406

Fig. 4C

Local Clients Table

Namespace	Reference to Client	IP address/ Port #
424 /LM/1/Monitor/Op/Get	S2	X2, Y2

408

Fig. 4D

Global Publishers Table 502

510	Namespace	Reference to Publisher	IP address/ Port #
512	/LM/1/Monitor/Event/LOS	P1	X1, Y1
514	/LM/2/Foo/Event/Sleep	P2	X2, Y2
	/LM/3/Bar/Event/Wake	P3	X3, Y3
	⋮	⋮	⋮

Fig. 5A

504

Global Subscribers Table

516	Namespace	Reference to Subscriber	IP address/ Port #	Reliability	Priority
518	/LM/2/Foo/Event/Sleep	S1	X1, Y1	Reliable	Normal
520	/*Event/LOS	S2	X2, Y2	Best Effort	Normal
	/LM/4/Test/Event/True	S3	X4, Y4	Best Effort	Normal
	⋮	⋮	⋮	⋮	⋮

Fig. 5B



Global Servers Table

Namespace	Reference to Server	IP address/ Port #	Reliability	Priority
/LM/1/Monitor/Op/Get	P1	X1, Y1	Best Effort	Normal
/LM/2/Foo/Op/Set	P2	X2, Y2	Best Effort	Normal
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

Fig. 5C

Global Clients Table

Namespace	Reference to Client	IP address/ Port #
/LM/2/Foo/Op/Set	S1	X1, Y1
/LM/1/Monitor/Op/Get	S2	X2, Y2
•	•	•
•	•	•
•	•	•

Fig. 5D

Reliable Communication Table

IP address/ Port #	Sending Sequence #	Receiving Sequence #	Missing Sequence Number List
X2, Y2	2040	50	
•	•	•	•
•	•	•	•
•	•	•	•

610

208(1)

Fig. 6

Reliable Communication Table

IP address/ Port #	Sending Sequence #	Receiving Sequence #	Missing Sequence Number List
X1, Y1	50	2040	
•	•	•	•
•	•	•	•
•	•	•	•

710

208(2)

Fig. 7

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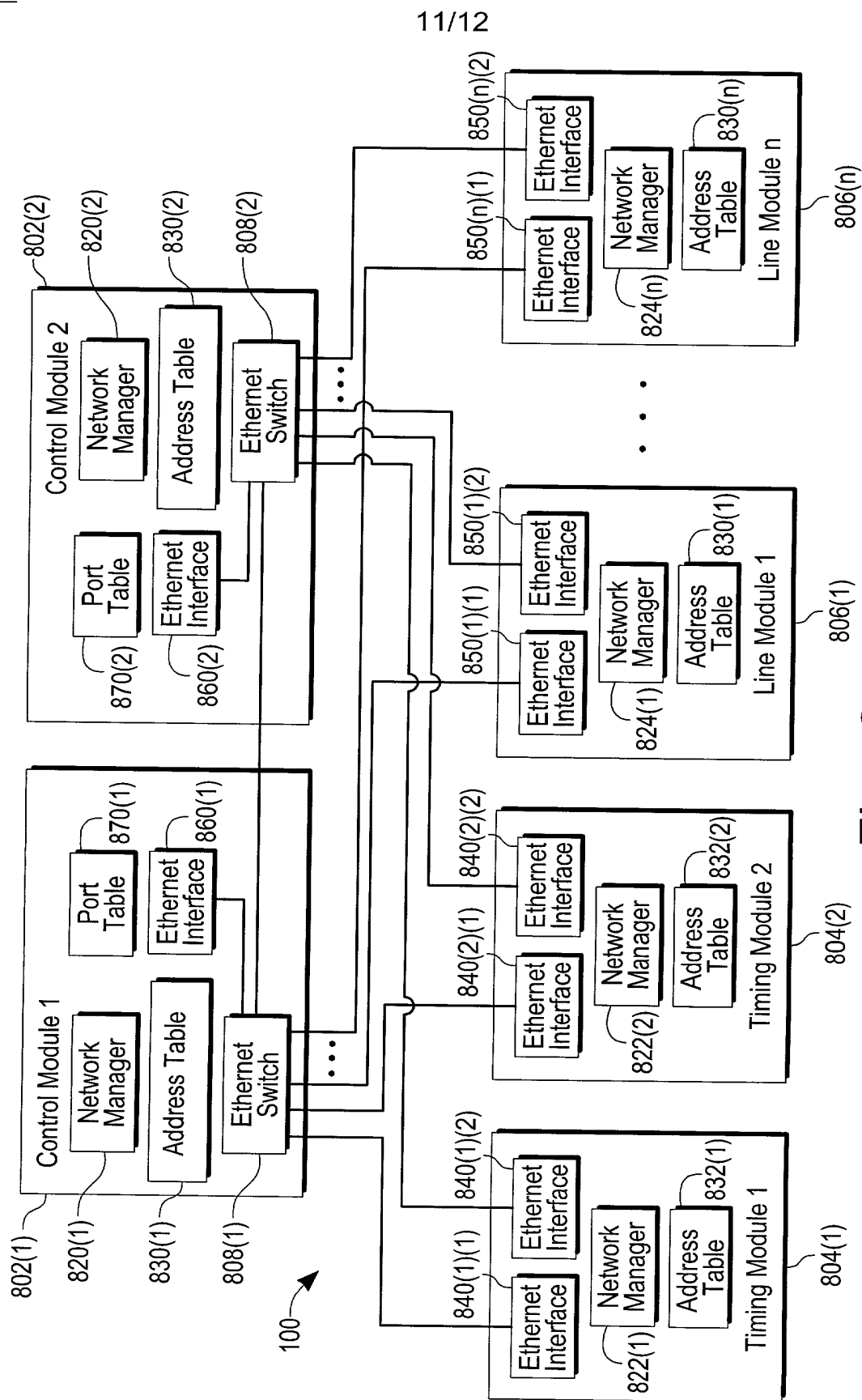


Fig. 8

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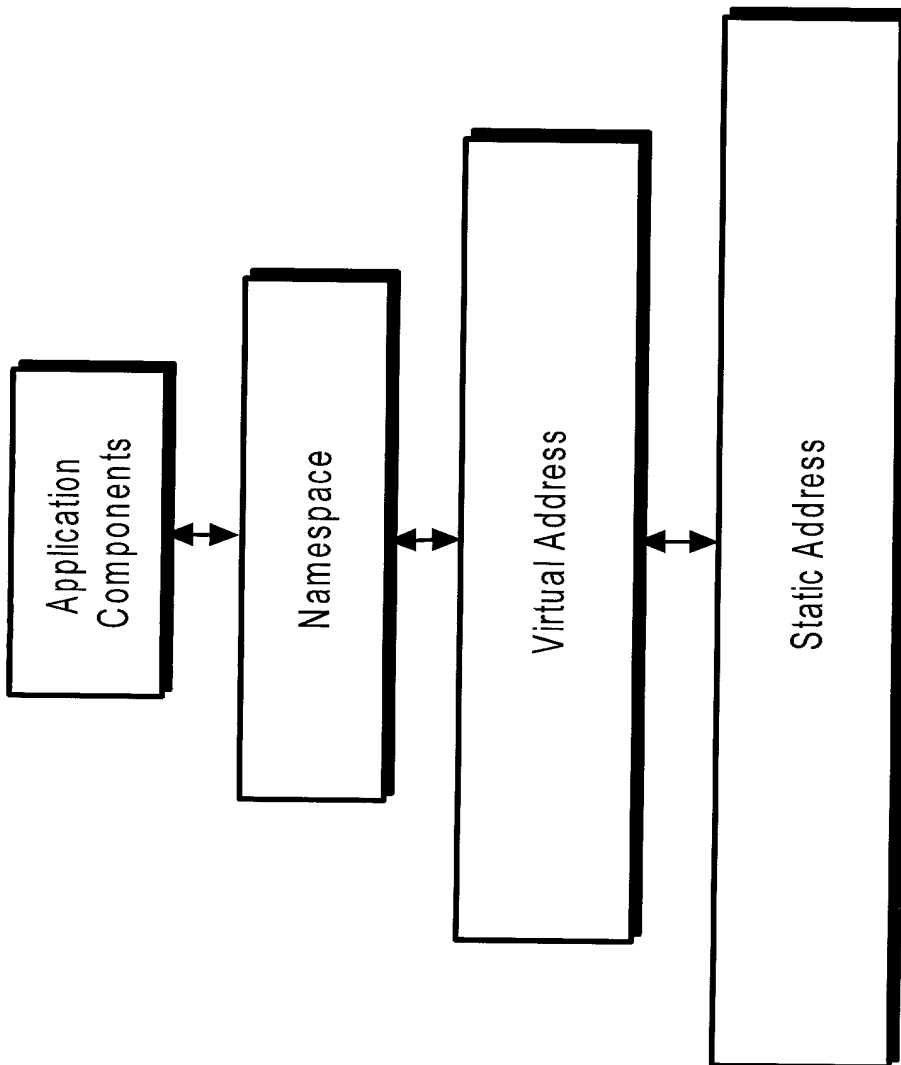


Fig. 9